

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"2001178118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 11:21
S2	520	power near (supply source converter) and (over near voltage or overvoltage) same comparator same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 12:35
S3	200	power near (supply source converter) same (over near voltage or overvoltage) same comparator same switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 12:35
S4	8	power near (supply source converter) same (over near voltage or overvoltage) near3 comparator near3 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 12:49
S5	9	power near (supply source converter) same (over near voltage or overvoltage) near5 comparator near5 switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 12:49
S6	9	("3428820").URPN.	USPAT	OR	ON	2006/10/09 13:50
S7	22	("2915693"   "3237087"   "3376478"   "3428820"   "3697861"   "3886410"   "4008418"   "4021701"   "4029974"   "4161760"   "4240024"   "4280090"   "4282477"   "4287467"   "4292583"   "4319179"   "4405964"   "4412265").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/09 14:33
S8	10	"4,884,161"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:19

## EAST Search History

S9	0	"083130337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:33
S10	0	"83130337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:34
S11	1	"8310337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 14:34
S12	9	("3428820").URPN.	USPAT	OR	ON	2006/10/09 14:58
S13	1	10/784,199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 15:12
S14	3	airbag and voltage near boost\$3 and (over near voltage or overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 15:20
S15	2	("3753001"   "5187382").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/09 15:16
S16	3	("5703412").URPN.	USPAT	OR	ON	2006/10/09 15:19
S17	5	airbag and voltage near3 boost\$3 and (over near voltage or overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 15:20
S18	14	("5005008"   "5420790"   "5432385"   "5459449"   "5461358"   "5666065"   "5701038"   "5796177"   "5845729"   "5872460"   "5899949"   "5964816"   "6046511"   "6175299").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/09 15:42

## EAST Search History

S19	681	361/91.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/09 15:42
S20	4	"6,906,900"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:30
S21	5	"5,703,412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 09:30
S22	3	("5703412").URPN.	USPAT	OR	ON	2006/10/10 10:52
S23	1	10/784,199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:00
S24	6	airbag same voltage near booster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:05
S25	7	("5220901"   "5233287"   "5737204"   "6011707"   "6198258"   "6222746"   "6844739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:03
S26	22	airbag and voltage near booster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:51
S27	1	("6257061").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 11:11
S28	1042	(voltage or power) near converter and synchronous near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54

## EAST Search History

S29	514	(voltage or power) near converter same synchronous near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54
S30	0	(voltage or power) near converter same synchronous near rectifier and airbag	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54
S31	0	(voltage or power) near converter and synchronous near rectifier and airbag	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:54
S32	138	(voltage or power) near converter and synchronous near rectifier and (vehicle car)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:56
S33	233	(voltage or power) near converter and synchronous near rectifier same advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:56
S34	48	(voltage or power) near converter and synchronous near rectifier near3 advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:56
S35	34	(voltage or power) near converter and synchronous near rectifier near2 advantage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:19
S36	175	(voltage or power) near converter and synchronous near rectifier and (over adj voltage or overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 12:19

## EAST Search History

S37	67	(voltage or power) near converter same synchronous near rectifier and (over adj voltage or overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:01
S38	6	("4616174"   "5097403"   "5636116"   "5691628"   "5946207"   "6021059"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/10 12:34
S39	0	brkovich and synchronous near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:02
S40	51	brkovic and synchronous near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:03
S41	9	brkovic and synchronous near rectifier and (over adj voltage or overvoltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:03
S42	5	"5,703,412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 15:10
S43	0	ovewr adj voltage same comparator same voltage adj divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 15:11
S44	105	over adj voltage same comparator same voltage adj divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 15:12
S45	20	over adj voltage with comparator with voltage adj divider	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 15:51

## EAST Search History

S46	0	"10,784,199"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 15:52
S47	2	"20040174649"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:12
S48	17	"3,428,820"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/06 16:12
S49	24	"5,940,287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 11:47
S50	5	"5,703,412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:53
S51	283	boost with converter with transistor with diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:54
S52	2	boost with converter with transistor with diode with speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:56
S53	2	boost with converter with transistor with diode same high near speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:56

## EAST Search History

S54	32	boost with converter with transistor with diode same high near (speed frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:04
S55	0	boost with converter with transistor with fly near diode same high near (speed frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:59
S56	0	boost with converter with transistor with fly near2 diode same high near (speed frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 12:59
S57	0	boost with converter with transistor with flywheel near diode same high near (speed frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:00
S58	0	boost with converter with flywheel near diode same high near (speed frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:02
S59	0	boost with converter same flywheel near diode same high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:03
S60	0	boost near converter same flywheel near diode same high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:03
S61	283	boost with converter with transistor with diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:04

## EAST Search History

S62	123	boost with converter with transistor with diode and high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:05
S63	100	boost near converter with transistor with diode and high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 15:17
S64	0	boost near converter same flywheel with diode and high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:05
S65	2	boost near converter and high near frequency same flywheel near diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:09
S66	0	Slobodan near Brkovich and boost	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:10
S67	24	"5,940,287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:15
S68	1	10/784,199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 13:15
S69	8	boost near converter with transistor near diode and high near frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:02

## EAST Search History

S70	24	"5,940,287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 15:20
S71	4	("5072171"   "5138249"   "5534769"   "5636116").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 15:31
S72	0	(fly-back or flyback) near converter with reduc\$3 near volatge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:46
S73	21	(fly-back or flyback) near converter with reduc\$3 near voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:51
S74	14	boost near converter with transistor near diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:12
S75	1	boost near converter with transistor near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:13
S76	7	boost near converter same transistor near rectifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 17:13
S77	6	("5481178"   "5920475"   "6166527"   "6307356"   "6414403"   "6437549").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 17:25
S78	17	"3,428,820"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 10:13

## EAST Search History

S79	22	("2915693"   "3237087"   "3376478"   "3428820"   "3697861"   "3886410"   "4008418"   "4021701"   "4029974"   "4161760"   "4240024"   "4280090"   "4282477"   "4287467"   "4292583"   "4319179"   "4405964"   "4412265"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/17 09:46
S80	7	("4884161").URPN.	USPAT	OR	ON	2007/07/17 09:59
S81	4	"6,859,020"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 13:53
S82	56	(over adj voltage overvoltage over-voltage) with series with (mos mosfet fet field adj effect) with diode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 15:49
S83	4	("5493197"   "5547775"   "5705911"   "5742148").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/17 14:52
S84	1	10/665,137	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 15:49
S85	1	10/784,199	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 16:31
S86	7	"5,231,722"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/17 17:18
S87	0	air near bag with ignit\$3 with voltage near booster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 09:52

## EAST Search History

S88	2	air near bag with voltage near booster	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:15
S89	5	"5,703,412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/18 10:15
S90	53	variable adj voltage adj battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 13:06
S91	92	comparator with input near voltage with (over adj voltage overvoltage over-voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 16:07
S92	1	comparator with input near voltage with (over adj voltage overvoltage over-voltage) same (voltage power switching) near converter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 16:09
S93	0	comparator with input near voltage with (over adj voltage overvoltage over-voltage) with series near switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 16:10
S94	0	comparator with input near voltage with (over adj voltage overvoltage over-voltage) with series near switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 16:11
S95	1	comparator with input near voltage with (over adj voltage overvoltage over-voltage) same series near switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/10 16:15